



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bernd K. Appelt et al. : Art Unit:  
Serial No.: To Be Assigned : Examiner:  
Filed: Herewith :  
For: PRINTED CIRCUIT BOARDS FOR :  
ELECTRONIC DEVICE PACKAGES :  
HAVING GLASS FREE NON- :  
CONDUCTIVE LAYERS AND :  
METHOD FOR FORMING SAME :  
:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR :

Prior to examination, applicants respectfully request that the Examiner consider the following remarks.

REMARKS

Each of the claims in this application calls for a discrete layer of dielectric material free of glass fibers applied over an impregnated glass fibers substrate. U.S. 4,191,800 to Holtzman fails to teach or suggest such a construction or a method by which such a construction is formed.

Figures 2 and 3 of the '800 reference *appear* to show such a construction but, in fact, do not. Resin 22 in Figures 2 and 3 of the '800 reference is not a discrete layer of dielectric material free of glass fibers, but rather is a film or coating of dielectric material formed on the surfaces of substrate 11 as the glass fibers substrate is impregnated with the resin. "FIG. 2 shows a typical impregnated cloth made in accordance with the inventive process" (Column 2, lines 22, 23). "FIG. 1 shows a typical cloth before